Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	(US-6201671-$ or US-6404606-$ or US-6452204-$ or US-6567246-$ or US-6589337-$ or US-6661622-$ or US-6686068-$ or US-6710985-$ or US-6738236-$ or US-6759120-$). did. or (JP-11086235-$ or JP-2000307171-$).did.	USPAT; JPO	OR	ON	2005/02/18 12:57
S1	474	360/324.1,324.11,324.12.ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S2	9077	427/127-131.ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S3	524	29/603.07,603.09,603.13,603.14. ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S4	12	(US-5528440-$ or US-6731479-$ or US-6636396-$ or US-6668443-$ or US-6721143-$ or US-6185078-$ or US-5664316-$ or US-6118624-$ or US-6146776-$ or US-6208491-$ or US-6262869-$).did. or (JP-2001230471-$).did.	USPAT; JPO	OR	OFF	2004/07/26 09:55
S5	278	(pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:58
S6	134	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S7	21	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14. ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S8	15	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:08

S9	156	(((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14. ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.)	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:08
S10	1	((((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14. ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and (expos$3 with (spacer adj layer) with oxygen)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:56
S11	15	("5408377" | "5492605" | "5862022" | "5871622" | "5986858" | "6115224" | "6134090" | "6181534" | "6268985" | "6414826" | "6452763" | "6466418" | "6473278" | "6519121" | "6548114").PN.	USPAT	OR	ON	2004/07/26 10:10
S12	3	((((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14. ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and (expos$3 same (spacer adj layer) same oxygen)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:05
S13	4	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and (expos$3 same (spacer adj layer) same oxygen)	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:19

S14	5	((US-5528440-$ or US-6731479-$ or US-6636396-$ or US-6668443-$ or US-6721143-$ or US-6185078-$ or US-5664316-$ or US-6118624-$ or US-6146776-$ or US-6208491-$ or US-6262869-$).did. or (JP-2001230471-$).did.) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer))	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:25
S15	130	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and (GMR adj sensor)	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:28
S16	0	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and (GMR adj sensor)	JPO	OR	ON	2004/07/26 10:28
S17	2	(pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)	JPO	OR	ON	2004/07/26 10:28
S18	11	GMR adj sensor	JPO	OR	ON	2004/07/26 10:28
S19	4	(US-6589337-$ or US-6686068-$ or US-6661622-$).did. or (JP-2000307171-$).did.	USPAT; JPO	OR	OFF	2004/07/26 11:01
S20	2	((US-6589337-$ or US-6686068-$ or US-6661622-$).did. or (JP-2000307171-$).did.) and (exchange adj coupl$3)	USPAT; JPO; DERWENT	OR	ON	2004/07/26 11:02
S21	0	((((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and (expos$3 with (free adj layer) with oxygen)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:56
S22	0	(expos$3 same (free adj layer) same oxygen) and (("5408377" | "5492605" | "5862022" | "5871622" | "5986858" | "6115224" | "6134090" | "6181534" | "6268985" | "6414826" | "6452763" | "6466418" | "6473278" | "6519121" | "6548114").PN.)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:56

S23	6	expos$3 with (free adj layer) with oxygen	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:56
S24	307	(free adj layer) with oxid$7	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:57
S25	144	((free adj layer) with oxid$7) and sensor	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:57
S26	139	((free adj layer) with oxid$7) and (spin adj valve)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:07
S27	165	(((free adj layer) with oxid$7) and sensor) or (((free adj layer) with oxid$7) and (spin adj valve))	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:58
S28	319	(pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:58
S29	66	((((free adj layer) with oxid$7) and sensor) or (((free adj layer) with oxid$7) and (spin adj valve))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer))	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:58
S30	50	(((((free adj layer) with oxid$7) and sensor) or (((free adj layer) with oxid$7) and (spin adj valve))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer))) and cap$4	USPAT; JPO; DERWENT	OR	ON	2004/07/27 08:02
S31	31	((((((free adj layer) with oxid$7) and sensor) or (((free adj layer) with oxid$7) and (spin adj valve))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer))) and cap$4) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:01
S32	2	((((((free adj layer) with oxid$7) and sensor) or (((free adj layer) with oxid$7) and (spin adj valve))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer))) and cap$4) and NiFeO	USPAT; JPO; DERWENT	OR	ON	2004/07/27 08:04
S33	11	("5260653" | "5268806" | "5606478" | "5650897" | "5659451" | "5673163" | "5804085" | "5820770" | "5905610" | "5932343" | "6052262").PN.	USPAT	OR	ON	2004/07/27 08:02

S34	3	(((free adj layer) with oxid$7) and (spin adj valve)) and NiFeO	USPAT; JPO; DERWENT	OR	ON	2004/07/27 08:04
S35	205	((free adj layer) with oxid$7) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 08:10
S36	83	(((free adj layer) with oxid$7) and (spin adj valve)) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:06
S37	72	pinarbasi-mustafa.in.	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:35
S38	19	((free adj layer) with oxid$7) and pinarbasi-mustafa.in.	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:01
S39	13	(((free adj layer) with oxid$7) and pinarbasi-mustafa.in.) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:35
S40	12	spin adj filter adj layer	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:05
S41	1	((free adj layer) with oxid$7) and (spin adj filter adj layer)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:05
S42	4	(spin adj filter adj layer) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:06
S43	6	((free adj layer) with oxid$7) and (spin adj valve)	JPO	OR	ON	2004/07/27 09:07
S44	161	(free adj layer) with NiFe with CoFe	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:39
S45	13	((free adj layer) with NiFe with CoFe) and (pinarbasi-mustafa.in.)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:42
S46	0	(free adj layer) with NiFe with CoFe with NiFeO	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:39
S47	11	(nonmagnetic adj isolation) and (pinarbasi-mustafa.in.)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:42